

Timokhin, P. Ya.

AID P - 1836

Subject : USSR/Engineering

Card 1/1 Pub. 110-a - 13/16

Author : Timokhin, P. Ya., Eng.

Title : Accuracy in calculation of the amount of excess air in boiler design

Periodical : Teploenergetika, 3, 56-58, Mr 1955

Abstract : The author presents formulas for determination of the excess air amount needed for combustion of gas or of a mixture of gas and solid fuel. He presents results obtained for four boilers. One Russian reference, 1952.

Institution: YuVENERGOMETALLURGPROM (South Eastern Trust of Power Engineering in Metallurgical Industry)

Submitted : No date

TIMOKHIN, S.

Iron and Steel Workers

Book about the labor achievements of iron and steel workers
("Competition of iron and steel workers." A. Kurdiukov. Reviewed
by S. Timokhin(Prof. soiuzy 8 no. 2, 1953

9. Monthly List of Russian Accessions, Library of Congress, May 1953. Unclassified.

"APPROVED FOR RELEASE: 07/16/2001

CIA-RDP86-00513R001755730005-8

T/AN C KH-2 T M

210
211

was determined by the Verner-Kebunder method (C.A. 40, 5963).
The static shearing force of about

14.5 kips

APPROVED FOR RELEASE: 07/16/2001

CIA-RDP86-00513R001755730005-8"

TIMOKHIN, N., economist.

Provide more precise production standards for workers at grain receiving points. Muk.-elev. prom. 23 no.4:13-14 Ap '57. (MLRA 10:5)

1. Orlovskaya oblastnaya kontora Rosglavzerno.
(Grain handling)

TIMOKHIN, N.A., referent.

Efficient dehairing by pasting and liming in manufacturing chrome-tanned leather. Leg. prom. 18 no. 2:51 F '58. (MIRA 12:2)
(Tanning)

TIMOKHIN, N.A., inzh.; LEONT'YEV, I.I., inzh.

New method of pig skinning with preliminary scalding of the carcass.
Leg. prom. 16 no.8:42-44 Ag '56. (MIRA 10:12)
(Hides and skins)

"APPROVED FOR RELEASE: 07/16/2001

CIA-RDP86-00513R001755730005-8

APPROVED FOR RELEASE: 07/16/2001

CIA-RDP86-00513R001755730005-8"

TIMOKHIN, P.Ya., inzh.; GALATON, Ye.G., inzh.

Experience in operating recuperators and evaporation-cooling
systems in open-hearth furnaces. Bul. TSNIICHM no. 4:22-30 '58.
(Open-hearth furnaces) (MIRA 11:5)

137-1957-12-23265

Translation from: Referativnyy zhurnal, Metallurgiya, 1957, Nr 12, p 59 (USSR)

AUTHOR: Timokhin, P. Ya.

TITLE: The Adjustment and Testing of KU-60 Recovery Boilers
(Naladka i ispytaniye kotlov-utilizatorov KU-60)

PERIODICAL: V sb.: Kotly-utilizatory martenovsk. pechey. Moscow,
Metallurgizdat, 1957, pp 61-89

ABSTRACT: A summary of data on the adjustment, testing, and operation
of KU-60 boilers installed with open-hearth furnaces having a
capacity of 185 t and operating on a mixture of coke-gas and
blast-furnace gas with fuel-oil added, or on fuel-oil alone.

Ye. N.

1. Boilers-adjustment 2. Boilers-test methods 3. Boilers-
Operation

Card 1/1

AUTHOR: Timokhin, P.Ya.

104-2-3/38

TITLE: The adjustment of steam separating devices for boilers
TP-35. (Naladka paroseparatsionnykh ustroystv kotlov
TP-35)

PERIODICAL: "Elektricheskie Stantsii" (Power Stations), 1957,
Vol.28, No.2, pp. 16 - 20 (U.S.S.R.)

ABSTRACT: In carrying out starting up tests in a power station, it was observed that there was a great difference between the levels of the salt and clean sections of the boilers which reduced the output of the boilers from the rated 35 t/h to 25 t/h. The article describes the work that was done to reduce this difference in level so that the boilers could carry the rated load. The steam separating device was reconstructed and the measures taken are illustrated with drawings of the equipment before and after reconstruction. Tests were carried out and the results are given in the form of graphs of load and water level against time, changes in the water levels in the boiler compartments against load on boiler, and long term tests of salt content of boiler water, salt content of steam, steam temperature, boiler load and water level all against time, including tests with sharp changes of load. It is concluded that the quality of steam produced in the reconstructed

Card 1/2

The adjustment of steam separating devices for boilers ТН-35.
(Cont.) 104-2-3/38

boiler does not depend much on the quality of the boiler water in the salty compartment, even with boiler water salt contents of 11 000 mg/litre over the whole range of loads so that there is no need further to complicate the boiler steam separating devices.

The clean compartment of boilers ТН-35 should be fitted with gauge glasses for the following reasons:

- a) the quality of steam is affected by this level;
- b) with lowest permissible water level in the salt compartment special attention must be paid to the water level in the clean compartment;
- c) during operation of the boiler possible clogging of the slots in the battery shields by sludge may increase their hydraulic resistance so that it is particularly necessary to check the water level in the clean compartment;
- d) the water level may rise too high.

The water levels in the compartments should not differ by more than 140 mm. Various other constructional measures are recommended. There are 9 figures.

AVAILABLE:

Card 2/2

ACC NR: AP6035910

SOURCE CODE: UR/0413/66/000/020/0154/0154

INVENTOR: Losev, Yu. A.; Matushkin, G. G.; Podzin, A. Ye.; Timokhin, S. A.;
Skachkova, L. S.; Skachkov, Yu. Ya.; Shcherbachenko, A. M.

ORG: none

TITLE: A special-purpose computer for determining characteristics of random processes
Class 42, No. 187406. [announced by the Institute of Automation and Electrometry,
Siberian Branch, AN SSSR (Institut avtomatiki i elektrometrii Siberskogo otdeleniya
AN SSSR)]

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 20, 1966, 154

TOPIC TAGS: computer, electronic computer, special purpose computer

ABSTRACT: An Author Certificate has been issued for a special-purpose computer for
determining the characteristics of random processes (see Fig. 1). The computer
includes a read-in unit, a storage unit, an arithmetic unit, and a control unit.
To increase speed and simplify operation, a read-only memory unit is provided whose
input registers are connected to the amplifiers of the immediate-access storage and
whose output amplifiers are in turn connected to the input registers of the arith-
metic unit. The immediate-access storage unit consists of two sections, one of which

Card 1/2

UDC: 681.142.07

ACC NR: AP6035910

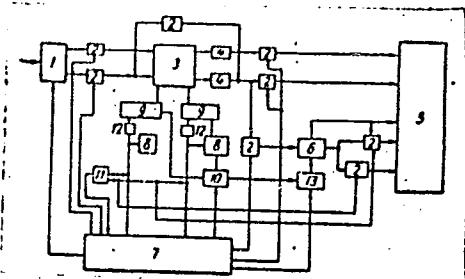


Fig. 1. Special-purpose computer

1 - Block of analog-to-digital converters;
2 - tubes; 3 - memory unit; 4 - amplifiers;
5 - arithmetic unit; 6 - read-only memory
unit; 7 - control unit; 8 - address regis-
ters; 9 - address decoders; 10 - memory and
digit transfer unit; 11 - trigger; 12 - delay
lines; 13 - address system of the read-only
memory unit.

is connected to an analog-to-digital converter of the function considered, and the other to a kernel read-in unit. A single shifter is connected between the code converters and the tubes which form partial derivatives. Orig. art. has: 1 figure.

SUB CODE: 09/ SUBM DATE: 160ct65/ ATD PRESS: 5105

Card 2/2

TIMOKHIN, V., master; LESMANT, G., master

What textbook do we need? Prof.-tekhn. obr. 17 no.6:12-13 Je '60.
(MIRA 13:7)

1. Proizvodstvennoye obucheniye stroitel'nogo uchilishcha No.8,
Khabarovsk.
(Building trades--Textbooks)

TIMOKHIN, V.A.

Automatic illumination control. Tekh.kino i telev. 4 no.4:58-62 Ap
'60. (MIRA 13:9)
(Television cameras)

TIMOKHIN, Yu.T., inzh. (Sal'sk)

Traffic safety in connection with the use of the centralized traffic control system. Zhel.dor.transp. 45 no.2:78-80 F '63. (MIRA 16:2)

1. Revizor bezopasnosti dvizheniya Sal'skogo otdeleniya Severo-Kavkazskoy dorogi.

(Railroads—Signalizing—Centralized traffic control)

TIMOKHIN, Yu.T., inzh. (Sal'sk)

Traffic organization of local freight transfer train at junction stations. Zhel.dor.transp. 47 no.4:34-35 Ap '65.

(MIRA 18.6)

TIMOKHIN, Yu.V., ordinator

Treatment of hemorrhoids in ambulatory cases. Elem.prokt. no.2:
89-92 '60. (MIRA 14,11)
(HEMORRHOIDS)

USSR/Cultivated Plants - Commercial. Oil-Bearing. Sugar-Bearing. M-5

Abs Jour : Ref Zhur - Biol., No 7, 1958, 29976

Author : Timokhina, A.

Inst :

Title : An Experiment in Applying Fertilizer to Hops.

Orig Pub : Udobreniya i urozhay, 1956, No 10, 44-45

Abstract : The doses are given for fertilizers and periods of application for hops used in hops raising farms of Zhitomirskaya Oblast' by the competitors in the All-Union Agricultural Exhibition. The harvests obtained are indicated.

Card 1/1

- 46 -

TIMOKHINA, A.D.; DEM'YANENKO, P.P.

Streamlining and invention at the Semiluki factory. Ogneupory 26
no.3:149-151 '61. - (MIRA 14:4)

1. Semilukskiy ogneuporisty zavod.
(Semiluki--Technological innovations)

TIMOKHINA, A. F.

"Plankton distribution in the Norwegian Sea in June 1961".

Report submitted for the International Council for Exploration of the
Sea, Copenhagen, 2-10 Oct 61

TIMOKHINA, A.F.

Distribution of zooplankton in the water masses of the Norwegian
Sea in the spring and autumn of 1959. Trudy VNIRO 57:405-424 '65.
(MIRA 19:6)

TIMOKHINA, M.A.

Application of transverse sutures on the cervix uteri in early postnatal period. Sbor. nauch. trud. Ivan. gos. med. inst. no. 283
232-238 ' 63. (MIRA 1921)

1. Iz kafedry akusherstva i ginekologii (ispolnyayushchiy obyazannosti zav. - dotsent M.A. Timokhina) Ivanovskogo gosudarstvennogo meditsinskogo instituta (rektor - dotsent Ya.M. Romanov).

TIMOKHINA, M.A., dotsent, kand. med. nauk; BRODSKIY, R.F., kand. med. nauk; SAMOKHINA, A.Y.

Dynamics of abortions in women working at a melange combine and ways for their reduction. Sbor. nauch. trud. Ivan. gos. med. inst. no.28:323-326 '63. (MIRA 19:1)

1. Iz kafedry akusherstva i ginekologii (ispolnyayushchiy obyazannosti zav. kafedroy - dotsent M.A. Timokhina) Ivanovskogo gosudarstvennogo meditsinskogo instituta (rektor - dotsent Ya. M. Romanov). 2. Zaveduyushchaya zhenskoy konsul'tatsiyey Melanzhevskogo kombinata (for Samokhina).

TIMOKHINA, M.A., dotsent; TALLERCHIK, V.A., oblastnoy akusher-ginekolog;
LEBEDEVA, Ye. N., Vrach; LEVIT, D.O.; SHERYSHEVA, Z.G.; MALENKOVA,
N.A.

. Cause and prevention of incomplete pregnancy. Sbor. nauch. trud.
Ivan. gos. med. inst. no. 28:330-339 '63 (MIRA 19:1)

1. Iz kafedry akushерstva i ginekologii (ispolnyayushchiy obya-
zannosti zav. kafedroy-dotsent M.A. Timokhina) Ivanovskogo gosu-
darstvennogo meditsinskogo instituta (rektor-dotsent Ya. M. Romanov)
i Ivanovskogo oblastnogo zdravotdela (zav. N.N. Vavulina).

ATROSHENKO, V.I.; SHCHEDRINSKAYA, Z.M.; GAVRYA, N.A.; Prilozheniye
AYRAPETYAN, M.T.; ABDULAYEVA, G.A.; TIMOKHINA, M.S.; RUD', A.A.

Catalysts for oxidation processes of natural gas to form
formaldehyde and methanol. Zhur.prikl.khim. 38 no.3:643-
649 Mr '65. (MIRA 18:11)

1. Submitted Febr. 27, 1963.

U-3

USSR/General Problems of Pathology - Experimental Therapy.

Abs Jour : Ref Zhur - Biol., No 16, 1958, 75486

Author : Lutsenko, T.A., Markitantova, A.Ye., Tinokhina, M.Ya.

Inst Title : Action of Neoembichine on the Complement and Production
of Agglutinins and Precipitins by Animals.

Orig Pub : Byul. eksperim. biol. i meditsiny, 1957, 44, No 9, 89-93

Abstract : In a study of the influence of neoembichine (I; di-(β -chloroethyl)-2-chloropropylamine) on antibody production, I was injected into healthy rabbits intravenously only once in a dosage of 1.5 mg/kg. During 9 days after injection of I, the increase and stabilization of complement titer took place. Production of agglutinins and precipitins depended upon the method of experiment procedure: by injecting I 4 days after an injection with antigen (typhoid fever diagnostic by determination of agglutinins and unpreserved horse's serum in case of determination

Card 1/2

- 13 -

SR/General Problems of Pathology - Experimental Therapy.

U-3

Abs Jour : Ref Zhur - Biol., No 16, 1958, 75486

of precipitin production), temporary inhibition occurred and thereupon an increase of antibody production. But by injection of antigen after injecting I a sharp inhibition of antibody production took place. -- O.V. Zubova.

Card 2/2

SEVAST'YANOVA, A. [translator]; TIMOKHINA, N. [translator]

Manufacture of feed meal (from "The National Provisioner," Au. 1962).
Mias.ind. SSSR 34 no.1:60-61 '63. (MIRA 16:4)
(United States—Feeds)

TIMOKHIN, Yu.V.

Injection method of treating hemorrhoids. Vest. khir. 93 no.9:
83-85 S '64.
(MIRA 18:4)

1. Iz gospital'noy khirurgicheskoy kliniki (zav. - prof. A.M.Aminev)
Kuybyshevskogo meditsinskogo instituta.

L 48580-65

EWT(d)/EWP(h)/EWP(l)

ACCESSION NR: AP5006982

S/0240/65/000/002/0046/0050

AUTHOR: Timokhina, Ye. A.

TITLE: The noise factor and its hygienic evaluation in industrial training of 9th to 11th grade students

SOURCE: Gigiyena i sanitariya, no. 2, 1965, 46-50

TOPIC TAGS: noise, physiology, industrial training

ABSTRACT: The author studied several versions of industrial training conditions for secondary school students under conditions of high frequency noise at a level of 95-105 decibels. Several sets of working conditions were tested with the students working with different high frequency noise levels. The author conducted a study of the health of 1200 school children with 1000 of them patients of public medical institutions. The results showed that the health of the students was significantly impaired with the increase in noise level. The author used a spectrometer and a volume meter to measure the noise level. The author also used tonal audiometry, working efficiency, interpretation of the light and dark test, arterial blood pressure and the dynamics of the state of health of

Card 1/3

L 48580-65

ACCESSION NR: AP5006982

the students, the author concludes that the students may work under these conditions for 2 days a week, provided that the period of continuous work during the course of the day does not exceed two hours. When the working time was three hours, it was necessary to arrange 10-15 minute breaks for rest under quiet conditions. It is recommended that 10-15 minutes of rest be arranged after 1 hour of work. This is shown in Fig. 1. The author also states that the working time should not exceed 10 hours per day. The article has 3 tables, 1 figure.

ASSOCIATION: Moskovskiy nauchno-issledovatel'skiy institut gigiyeny im. F. F. Erismana (Moscow Scientific Research Institute of Hygiene)

SUBMITTED: 14Jan64

ENCL: 01

SUB CODE: LS, PH

NO REF Sov: 000

OTHER: 000

Card 2/3

L 48580-65

ACCESSION NR: AF5006982

ENCLOSURE: 01

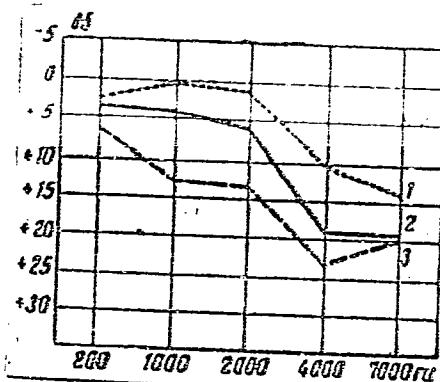


Fig. 1. Changes in the audibility threshold after work in a machine shop

Card 3/3

ACC NR: AP7001183

SOURCE CODE: UR/0166/66/000/005/0086/0089

AUTHOR: Dolmatov, K. I.; Tazitdinov, A. N.; Timokhina, Yu. I.

ORG: Tashkent Institute of Railroad Transportation Engineers (Tashkentskiy institut inzhinerov zheleznodarozhnogo transporta)

TITLE: Interruption of the current flow upon electrical explosion of fine wires in air

SOURCE: AN UzSSR, Izvestiya. Seriya fiziko-matematicheskikh nauk, no. 5, 1966, 86-89

TOPIC TAGS: exploding wire, fine wire

ABSTRACT: A study of the nature of the interruption of current during the electrical explosion of fine wires in air is described. The interruption of current is the time interval between the end of the first and the beginning of the second current pulse flowing through the fine wire. An RLC circuit ($R = 0.02 \Omega$; $L = 0.4 \mu\text{H}$; $C = 300 \mu\text{F}$ (consisting of two IM-5-15 capacitors connected in parallel)) was used to send current through the fine wire. The capacitor was charged to 3.1 kv at the beginning of each test. An oscillograph was connected to the movable arm of a potentiometer connected across the wire sample. Samples of W, Mo, Ta, and Fe wires with lengths ranging from 5 to 150 mm and diameters from 0.05 to 0.30 mm were used in the tests. Test results for 50-mm long W, Mo, Ta, and Fe wires with diameters of 0.30, 0.14, and 0.24 mm are shown in Fig. 1. The duration of the interruption of current for wires made from above metals is more stable than that for copper wires.

Card 1/2

ACC NR: AP7001183

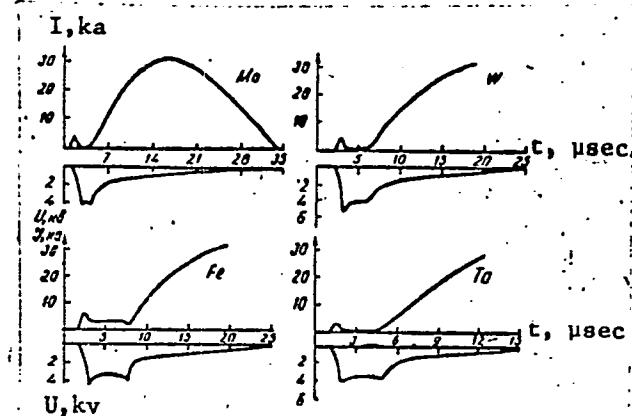


Fig. 1. Oscillograph traces showing current interruption duration of current (upper curve) and voltage vs. time across W, Mo, Ta, and Fe fine wire samples

The interruption duration is a function of the wire length and diameter; it increases sharply with wire length. At high initial voltages across the capacitor current pauses are very short and it is difficult to establish their dependence on the wire diameter. Current interruption duration decreases with increasing initial voltage across the capacitor. Orig. art. has: 3 figures and 1 table. [IV]

SUB CODE: 19/ SUBM DATE: 10May66/ ORIG REF: 007/ OTH REF: 002/ ATD PRESS: 5110

Card 2/2

TIMOKHOV, K.D.

Titanomagnetite mineralization in the Gusevogorsk and Zakh-
kanar deposits. Sov. geol. 6 no.11:125-131 (MIRA 17:1)

1. Uralskoye geologicheskoye upravleniye.

TIMOKHOV, S.A.

Surgery for pericardial wounds in a district hospital. Khirurgiya
no.1:129-131 '62.
(MIRA 15:11)

1. Iz bol'nitsy poselka Puksoozero Arkhangel'skoy oblasti.
(PERICARDIUM—SURGERY)

TIMOKHOV, V.A.

Special features of the offshore bar dynamics in the Taganrog Gulf
of the Azov Sea. Izv.Vses.geog.ob-va 95 no.1:71-74 Ja-F '63.
(MIRA 16:4)
(Taganrog Gulf—Sandbars)

VASHKOV, V.I.; ISTOMINA, T.I.; POGODINA, L.N.; POLEZHAYEV, V.G.;
TIMONICH, O.P.; POZIN, Z.S., red.; PETROVA, N.K., tekhn. red.

[Handbook on disinfection, disinfestation and deratization]
Spravochnik po dezinfektsii, dezinsekttsii i deratizatsii.
Moskva, Medgiz, 1962. 166 p. (MIR15:10)
(INSECTS, INJURIOUS AND BENEFICIAL—CONTROL)
(DISINFECTION AND DISINFECTANTS) (RODENT CONTROL)

TIMONICH, V.L.

Neutral line performance of transformers in open pit mining. From,-
energ. 17 no.2:15-17 F '62. (MIRA 15:3)
(Electricity in mining)

SVIRIDENKO, N.I.; TIMONOV, B.A.

Conversion of a PDTM connector panel. Avtom., telem. i sviaz' 7
no.12:40 D '63. (MIRA 17:4)

1. Starshiy elektromekhanik TSentral'noy stantsii svyazi
Ministerstva putey soobshcheniya.

TIMONOV, F.T.; BASHKATOV, I.M.

Transfer of mining of longwalls to roof caving without the use
of battery stulls. Ugol' Ukr. 6 no.6:31-32 Je '62. (MIRA 15:7)

1. Shakhtoupravleniye "Privol'nyanskoye-Yuzhnoye" tresta Lisichanskugol'. 2. Glavnnyy inzhener Shakhtoupravleniya "Privol'nyanskoye-Yuzhnoye" tresta Lisichanskugol' (for Timonov).
3. Zamestitel' glavnogo inzhenera Shakhtoupravleniya "Privol'nyanskoye-Yuzhnoye" tresta Lisichanskugol' (for Bashkatov).
(Mine timbering)

TIMOKHOV, Ye.P.; FEYMAN, M.G.

Weatherometer for rapid testing for light and weather fastness.
Lakokras.mat.i ikh prim. no.6:85-86 '62. (MIRA 16:1)
(Paint--Testing)

TIMONOVA, M.A.; YERSHOVA, T.I.

Testing of light alloys for corrosion under stress in bending a specimen.
Zav. lab. 27 no. 4:446-448 '61. (MIR 14:4)
(Alloys—Corrosion)

TIMOKHINA, A.P.

Seasonal changes in the age structure, abundance and biomasses
of *Calanus finmarchicus* Gunnar in the Norwegian Sea. Trudy
PINRO no.14:223-233 '62. (MIRA 17:10)

TIMOKHINA, M. A., Doc of Med Sci -- (diss) "Epidemiology and the Clinic
of Vaginal Trichonomises in Women," Ivanovo, 1959, 26 pp (2nd Moscow
Medical Institute im Pirogov) (KL, 6-60, 125)

TIMOKHIN, N.A., inzh.

Depilation of cattle hides in the manufacture of chrome
leather. Kozh.-obuv.prom. no.10:13-15 0 '59.
(MIRA 13:2)

(Hides and skins)

TIMOKHIN, N.A.

Mechanical hair retriever. Obm. tekhn. opyt. [MLP] no.29:27-30
'57. (MIR '13:D)
(Leather industry--Equipment and supplies)

TIMOKHINA, N.I.; ABDUKHALILOV, A.D.

Study of the system $MgBr_2 - MgSO_4 - H_2O$ at $6^{\circ}C$. Nauch.trudy TashGU
no.257. Khim.nauki no.12:98-101 '64.
(MIRA 18:8)

TIMOKHINA, N.I.

Preparation of potassium iodate. Nauch.trudy TashGU no.257.Khim.
(MIRA 18:8)
nauki no.12:102-103 '64.

TINOKHINA, N.I.; BUDARIN, L.I.

Study of the induction period in the crystallization of super-saturated solutions of slightly soluble salts. Trudy SAGU no.134:
(MIRA 12:4)
43-50 '58.
(Crystallization) (Solutions, Supersaturated)

TIMOKHINA, V.
ZAK, G.M.; AGAFONOV, Ye.A.; MALYAROV, V.Z.; TIMOKHINA, V., redaktor;
NATAPOV, M., tekhnicheskiy redaktor
[Metalceramics in the manufacture of metal parts for consumer
products] Metallokeramika v proizvodstve metallicheskikh izdelii
shirokogo potrebleniia. Moskva, Vses. kooperativnoe izd-vo, 1956.
(MIRA 10:2)
53 p.
(Powder metallurgy)

GURIN, Yakov Semenovich; KUROCHKIN, Mikhail Nikolayevich; PETROV, G.N.,
prof., red.; TIMOKHINA, V.I., red.; LARIONOV, G.Ye., tekhn.red.

[Designing d.c. machinery] Proektirovanie mashin postoiannogo
toka. Pod obshchim red. G.N.Petrova. Moskva, Gos.energ.izd-vo.
1961. 350 p. (MIRA 14:4)
(Electric machinery--Direct current)

ANSHIN, Vladimir Shayevich; KRAYZ, Aleksandr Grigor'yevich; GEL'PERIN,
B.B., red.; SKVORTSOV, P.P., red.; TIMOKHINA, V.I., red.;
VORONIN, K.P., tekhn.red.

[Assembly of large transformers] Sbornik moshchnykh transformatorov.
Moskva, Gos.energ.izd-vo, 1961. 463 p. (Transformatory,
no.6). (MIRA 14:4)

1. Moskovskiy elektrozavod imeni V.V.Kuybysheva (for Anshin,
Krayz).
(Electric transformers)

VINOGRADOV, Nikolay Vladimirovich; LATMANIZOV, M.V., dots., retsenzent;
TIMOKHINA, V.I., red.; VORONIN, K.P., tekhn. red.

[Manufacture of electric machinery] Proizvodstvo elektricheskikh
mashin. Moskva, Gos.energ.izd-vo, 1961. 319 p. (MIRA 15:2)

1. Leningradskiy politekhnicheskiy institut im. M.I.Kalinina
(for Latmanizov). (Electric machinery—Design and construction)

STAROBA, J. [Staroba, J.]; SHIMORDA, J. [Simorda, J.]; SPINADEL', V.L.
[translator]; SMIRNOV, V.A., red.; TIMOKHINA, V.I., red.;
BOHUNOV, N.I., tekhn.red.

[Static electricity in industry] Staticeskoe elektrичество
v promyshlennosti. Moskva, Gos.energ.izd-vo, 1960. 247 p.
Translated from the Czech. (MIRA 13:9)
(Electrostatics) (Electricity, Injuries from)

DEKABRUN, I.Ye.; TEDER, N.R.; SOTSKOV, B.S., red.; TIMOKHINA, V.I., red.;
VORONIN, K.P., tekhn.red.

[Manual on elements of automatic and remote control systems;
electromagnet: contactors and magnetic starters] Spravochnik
po elementam avtomatiki i telemekhaniki; elektromagnitnye
kontaktory i magnitnye puskateli. Sost.: I.E.Dekabrun, N.R.
Tedar. Pod red. B.S.Sotsakova. Moskva, Gos.energ.izd-vo, 1959.
135 p. [Supplement to the "Manual on elements of automatic and
remote control systems; electromagnetic contactors and magnetic
starters."] Prilozhenie k Spravochniku po elementam avtomatiki
i telemekhaniki; elektromagnitnye kontaktory i magnitnye puska-
teli. Gosenergoizdat. 21 p. (MIRA 12:6)

1. Akademiya nauk SSSR. Institut avtomatiki i telemekhaniki.
(Electric contactors) (Electric motors--Starting devices)

STAROBA, V. [Staroba, J.]; SHIMORDA, V. [Simorda, J.]; SPINADEL', V.L.
[translator]; SMIRNOV, V.A., red.; TIMOKHINA, V.I., red.;
BORUNOV, N.I., tekhn.red.

[Static electricity in industry] Statisticheskoe elektrichestvo
v promyshlennosti. Pod obshchei red. V.A. Smirnova. Moskva,
Gos.energ.izd-vo, 1960. 247 p. Translated from the Czech.
(MIRA 13:12)

(Electrostatics)

KOVARSKIY, Yefim Mikhaylovich; TIMOKHINA, V.I., red.; LARIONOV, G.Ye.,
tekhn.red.

[Repair of electric machinery] Remont elektricheskikh mashin.
Izd. 4., peresmotrennoe i dop. Moskva, Gos.energ.izd-vo, 1960.
262 p. (MIRA 13:5)
(Electric machinery--Maintenance and repair)

TAREYEV, Boris Mikhaylovich; KAZARNOVSKIY, David Mikhaylovich; TIMOKHINA,
V.I., red.; MATVEYEV, G.I., tekhn.red.

[Testing electric insulating materials] Ispytaniia elektro-
izoliatsionnykh materialov. Moskva, Gos. energ. izd-vo, 1958.
(MIRA 12:2)
208 p.
(Electric insulators and insulation--Testing)

MINSKER, Yefim Grigor'yevich; TIMOKHINA, V.I., red.; BORUNOV, N.I.,
tekhn.red.

[Assembly of small and medium-sized oil transformers] Sbornik
maslianykh transformatorov maloi i srednei moshchnosti. Moskva,
Gos.energ.izd-vo, 1959. 133 p. (Transformatory, no.4).
(MIRA 13:4)

(Electric transformers)

BURMAN, Petr Georgiyevich; KRAYZ, Aleksandr Grigor'yevich; GEL'PERIN,
B.B., obshchiy red.; SKVORTSOV, P.P., obshchiy red.; TIMOKHINA,
V.I., red.; VORONIN, K.P., tekhn.red.

[Manufacture of magnetic circuits for transformers] Proizvodstvo
magnitoprovodov transformatorov. Moskva, Gos.energ.izd-vo, 1959.
150 p. (Transformatory, no.3).
(Electric transformers)

(MIRA 13:2)

KURITSKIY, Yelizar Isayevich.; LINKOV, Aleksandr Vladimirovich.; TIMOKHINA,
V.I., rad.; FRIDKIN, A.M., tekhn.red.

[Safety measures in plants of the electric machinery industry]
Tekhnika bezopasnosti na zavodakh elektrotekhnicheskoi promyshlennosti.
Moskva, Gos. energ. izd-vo, 1958. 439 p. (MIRA 11:12)
(Electric machinery industry--Safety measures)

SHNITSER, L.M.; GEL'PERIN, B.B., red.; SKVORTSOV, P.P., red.; TIMOKHINA,
V.I., red.; ASANOV, P.M., tekhn.red.

[Principles of the theory and capacity of electric transformers]
Osnovy teorii i nagruzochnaiia sposobnost' transformatorov. Izd.5.
perer. Moskva, Gos.energ.izd-vo, 1959. 230 p. (Transformatory,
no.1). (MIRA 13:7)

(Electric transformers)

DEKABRUN, Irina Yevgen'yevna; TEDER, Nina Rudol'fovna; SOTSKOV, B.S.,
red.; TIMOKHINA, V.I., red.; BOHUNOV, N.I., tekhn.red.

[Handbook on automatic and remote control elements; time relays,
programming devices, counting relays, and searchers] Spra-
vochnik po elementam avtomatiki i telemekhaniki; rele vremeni,
programmnye ustroistva, rele scheta, iskateli. Sost. I.E.De-
kabrun i N.R.Teder, Pod red. B.S.Sotskova. Moskva, Gos.energ.
(MIRA 13:7)
izd-vo, 1960. 136 p.

1. Akademiya nauk SSSR. Institut avtomatiki i telemekhaniki.
(Automatic control) (Remote control)

ALEKSENKO, Gennadiy Vasil'yevich; SKVORTSOV, P.P., red.; GEL'PERIN, B.B..
red.; TIMOKHINA, V.I., red.; BOZHINOV, N.I., tekhn.red.

[Parallel operation of transformers] Parallel'naia rabota trans-
formatorov. Moskva, Gos.energ.izd-vo, 1960. 342 p. (Transformatory,
no.5). (MIRA 13:7)

(Electric transformers)

18. 8000

18. 1210

AUTHORS: Popov, M. M., Timokhina, Ye. N., Skuratov, S. M. and
Kalinina, Ye. N.66897
SOV/126-8-1-15/25TITLE: ²⁶ Latent Energy of Plastic Deformation of Alloy of
Aluminium with CopperPERIODICAL: Fizika metallov i metallovedeniye, 1959, Vol 8, Nr 1,
pp 103-113 (USSR)

ABSTRACT: Some of the work of plastic deformation is stored in the metal as internal stresses and only appears as heat when these stresses are removed by annealing. This latent energy of deformation can be found from measurements of the difference between the specific heats (or apparent specific heats) of the deformed alloy in the un-annealed and annealed states. In the research described this method was applied to aluminium-copper alloys (3 and 5% Cu) deformed to 30% by forging. The authors review published work of a similar character (Refs 1-16) tabulating the material, type of deformation, work, method of measuring work, additional measurements for some (Refs 1-12). In their own work the "apparent" specific heat was determined by a method described by M. M. Popov and G. L. Gal'chenko (Ref 29). An unusual

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SOV/126-8-1-15/25

Latent Energy of Plastic Deformation of Alloy of Aluminium with
Copper

calorimeter (Fig 1) was used, consisting of a squat cylindrical heater on either side of which two initially cylindrical specimens 20 mm in diameter and 30 mm high were placed. The outer ends of the specimens were in contact with thermocouple-containing silver cylinders. The assembly was bound with wire and suspended inside a massive silver container in a furnace. Systematic errors in the results were of no significance in the procedure adopted. Fig 2 shows specific heats as functions of temperature for the annealed and for hardened undeformed alloys, together with the corresponding additive functions. Deviations between the former and latter and the complex shape of the "apparent" specific heat functions indicate exo- or endo-thermic transformations. Specific heats of annealed and hardened 3% Cu alloys for successive reheatings are shown in Fig 3 as functions of temperature. Since annealed specimens gave unreplicable results, tests on deformed alloys were restricted to the hardened or semi-hardened (i.e. cooled from 520 to 80°C in 16 hours) alloys.

Card 2/4

66897

SOV/126-8-1-15/25

Latent Energy of Plastic Deformation of Alloy of Aluminium with
Copper

Deformation, limited to 30% by a ring, was effected by a free-falling bob. Fig 4 shows specific-heat vs. temperature curves for hardened deformed and undeformed 3 and 5% Cu alloys. Further experiments were carried out in which determination of the latent heat of deformation was reduced to 1) deformation of a semi-hardened specimen, 2) determination of the difference between enthalpies at two given temperatures for the first heating and for the second and subsequent heatings. This was carried out with six pairs of the 5% Cu alloy (Figs 5 and 6 give the corresponding specific heat vs. temperature curves), showing that 1) less heat is required for the first than for subsequent heating between the same temperatures; 2) the latent heat of deformation for the six pairs varied from 0.4 to 2.3 cal/g; the latent heat of deformation is released over a wide temperature range. The authors consider their experimental errors such that only the order of magnitude of the latent heat of deformation can be found.

Card 3/4

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8897
SOV/126-8-1-15/25

Latent Energy of Plastic Deformation of Alloy of Aluminium with Copper

There are 6 figures, 1 table and 29 references, 11 of which are Soviet, 5 German and 13 English (of which 3 are Japanese).

ASSOCIATION: Moskovskiy gosudarstvennyy universitet imeni M. V. Lomonosova (Moscow State University imeni M. V. Lomonosov)

SUBMITTED: December 6, 1957 (Initially)
August 5, 1958 (After revision) W

Card 4/4

TIMOKHIN, V. P.

TIMOKHIN, V. P.--"Study of Timespieces in Schools for the Deaf and Dumb."*(Dissertations for Degrees in Science and Engineering Defended at USSR Higher Educational Institutions.) Moscow State Pedagogic Inst imeni V. I. Lenin, Moscow, 1955

SO: Knizhnaya Letopis', No. 25, 18 Jun 1955

* For Degree of Candidate in Pedagogical Sciences

TIMOKHIN, V.S.

Portable fans for speeding up the process of drying brick clay.
Rats. i izobr. predl. v stroi. no.118:18-21 '55. (MLRA 9:7)
(Drying apparatus) (Fans, Electric)

SHAROVA, M.A., kand. med. nauk; TIMOKHINA, Ye. A., kand. med. nauk; KAYSINA, O.V.,
kand. med. nauk; YASTREBOV, G.G. mIндshiy nauchnyy sotrudnik

Hygienic evaluation of the duration of agricultural work for 5th-
7th grade students during the summer vacation. Gig. i san. 24 no.5:
40-45 My '59. (MIRA 12:7)

1. Iz Moskovskogo nauchno-issledovatel'skogo instituta sanitarii i
gigiyeny imeni F. F. Erishana Ministerstva zdravookhraneniya RSFSR.
(AGRICULTURE,

duration of summer employment of school child. (Rus))

(SCHOOLS,

hyg. aspects & duration of agricultural employment
of school child. (Rus))

TIMOKHIN, YE.D.

Looms

Testing electric drive of automatic loom ATK-100. Tekst.prom., 12, No. 4, 1952.

9. Monthly List of Russian Accessions, Library of Congress, June 1952 Uncl.

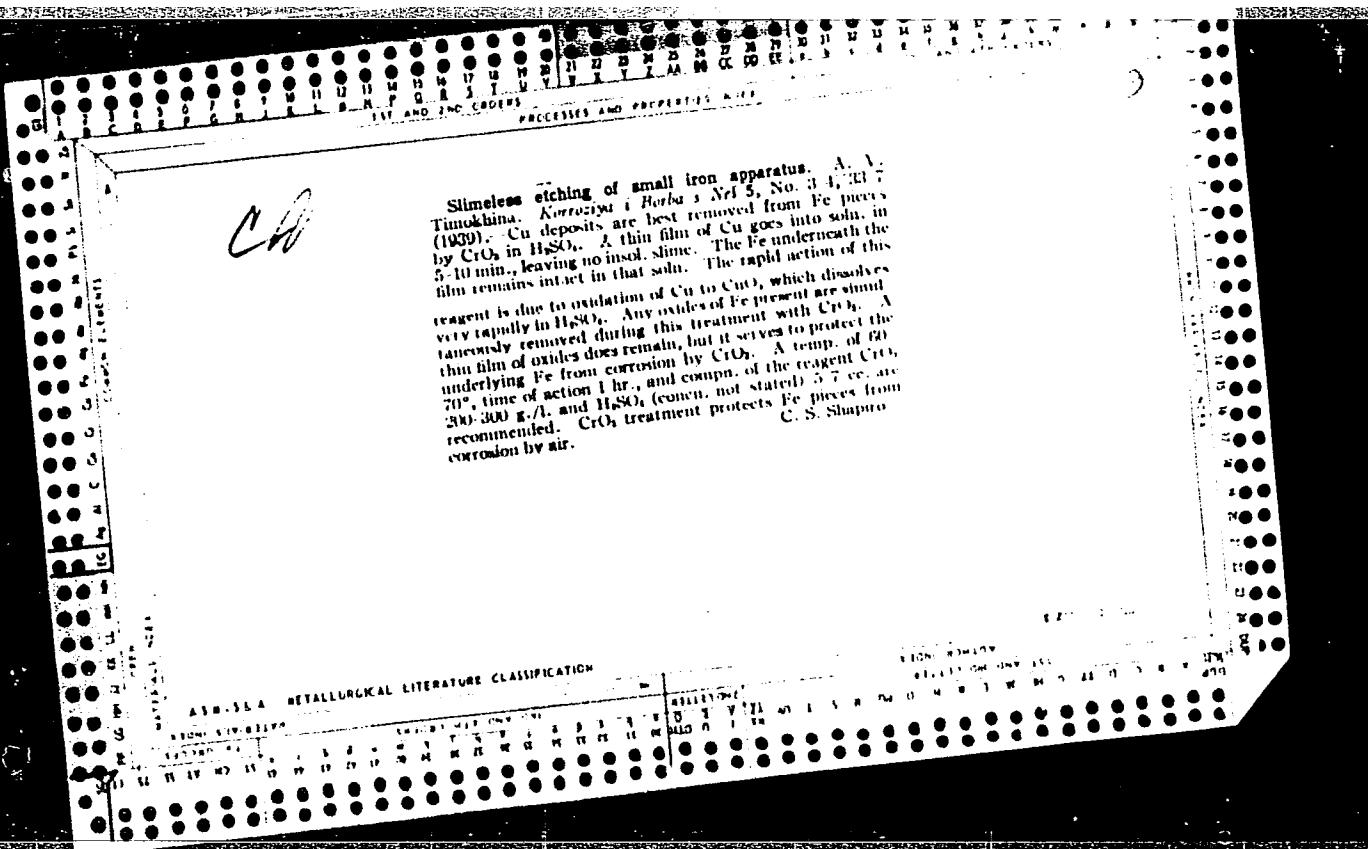
6 Electrodepos.

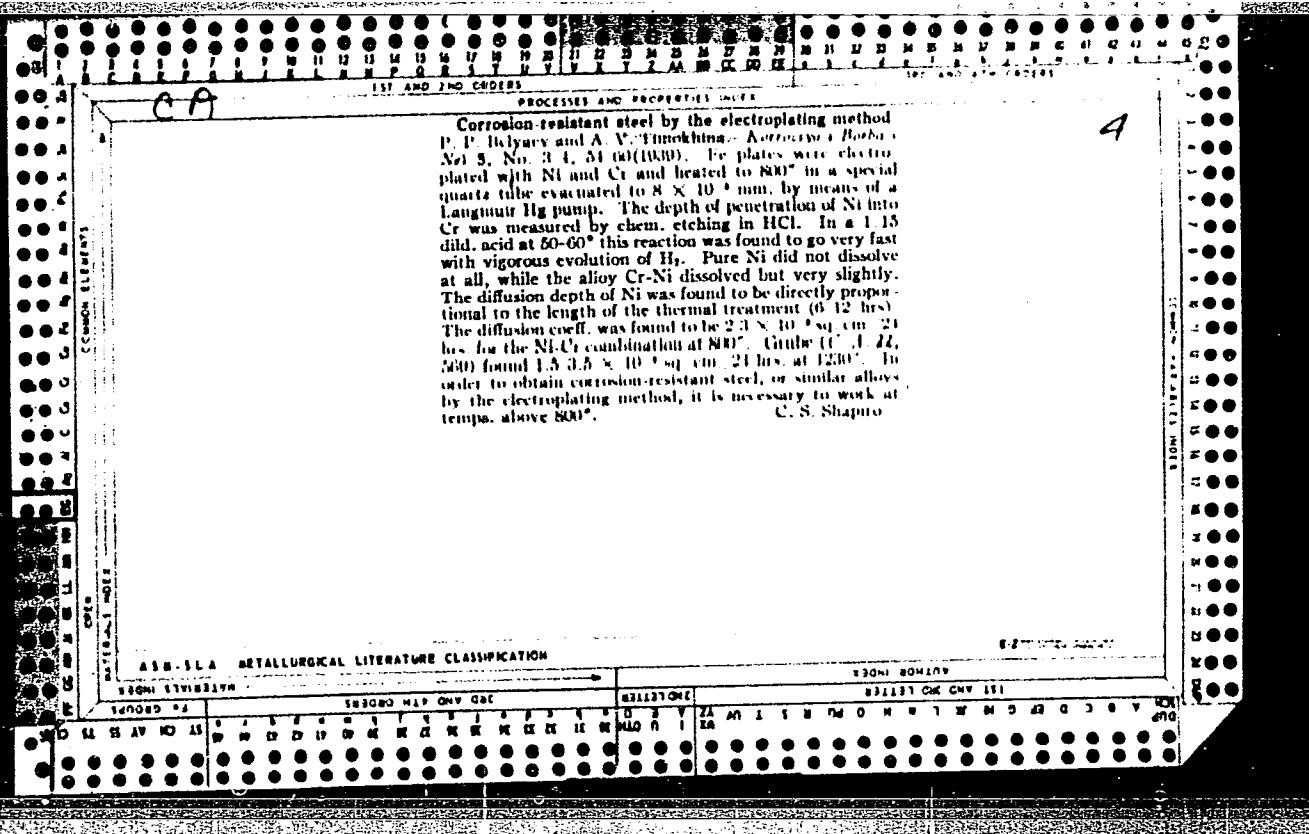
M. T. Abs

V.9

Increasing the Throwing Power of Chromium-Plating Baths. N. D. Vrunkov and A. V. Tsvetkina (Korrasion i Plakat na Neft (Corrosion and the Salt Agency), 1940, 6, (2), 46; C. A., 1942, 36, 3733). (In Russian)

bath containing CuO_2 and V or SiF_4 has a higher throwing power than the chromium bath containing SO_4^{2-} . At 25° C. and gal. 0.8 anodized, the chromium deposits are very bright and the throwing power is 2 times that of the SO_4^{2-} bath used at 60° C. and 30 amp./dm.². However, after 36 amp./hr./litre has passed through the F⁻ bath, the chromium deposit becomes dull and defective. The same happens to the bath containing H_2SO_4 , after 250 amp./hr. The concentration of HF, KF, or H_2SiF_6 does not change with time. Filtering the baths after long use does not improve the quality of the chromium deposit. After oxidation $\text{Cr}^{+2} \rightarrow \text{Cr}^{+3}$ at e.d. 12 amp./dm.² the chromium deposits do not improve appreciably and dull areas persist. The F⁻ containing baths can be kept safely in tanks lined with an alloy of lead with 1-1.6% antimony.





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• BCC 1993 AND 1994 EDITIONS ARE IN

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Increasing the throwing power of the chromium-plating baths N. D. Bilyukov and A. V. Timukhina. *Aktyeri*, *Burba*, v. No. 2, 45 (1940).—A bath contg. Cr_2O_3 and F- or SiF_6^{2-} has a higher throwing power (th. pr.) than the Cr bath contg. SO_4^{2-} . At 25° and c. d. 8 amp./sq. dm. the Cr deposits are very bright and the th. pr. is 3 times that of the SO_4^{2-} bath used at 30° and 30 amp./sq. dm. However, after 70 amp. hrs. A. has passed through the F- bath, the Cr deposit becomes dull and defective. The same happens to the bath contg. H_2SiF_6 after 230 amp. hrs. The content of HF, KF , or H_2SiF_6 does not change with time. Filtering the baths after long use does not improve the quality of the Cr deposit. After oxidation $\text{Cr}^{III} \rightarrow \text{Cr}^{VI}$ at c. d. 12 amp./sq. dm. the Cr deposits do not improve appreciably, dull areas persist. The F- contg. baths can be kept safely in tanks lined with an alloy of Pb + 1.45% Sb. C. S. Shapiro

AMERICAN METALLURGICAL LITERATURE CLASSIFICATION

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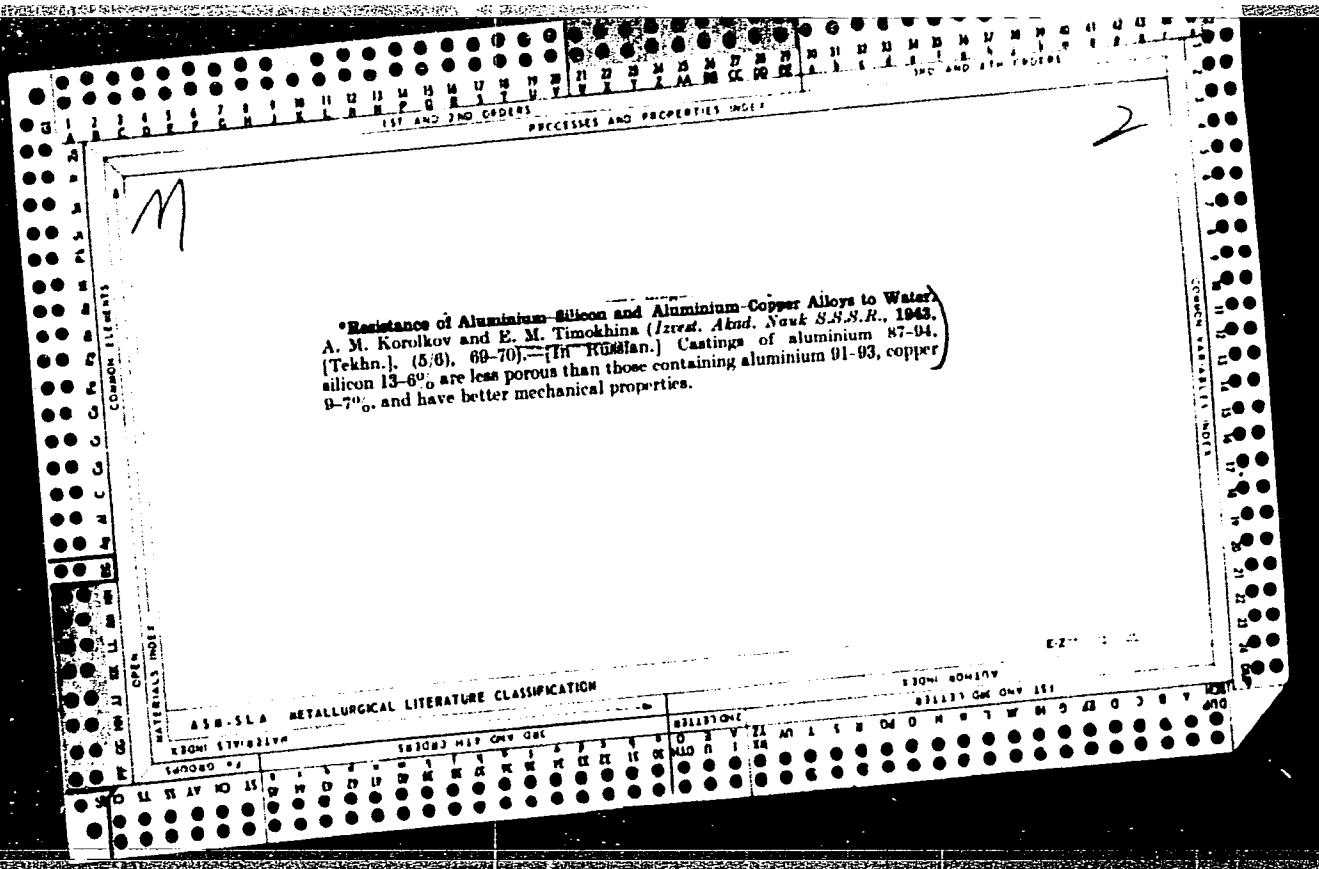
CIA-RDP86-00513R001755730005-8"

Electrodeposition

Met Abs.

"Corrosion-Resistant Steel by the Electroplating Method." P. P. Bel'sev and A. V. Timofeeva (Khimicheskie i Metallicheskie Prost. i Reakt. i Protsessy Dn. 1937, 6, 754; 64-09; C. A., 1942, 38, 1026). [Russian] Iron sheets were electroplated with nickel and chromium and heated to 500°C in a special quartz tube evacuated to 8×10^{-3} mm, by means of a Langmuir mercury pump. The depth of penetration of nickel into chromium was measured by chemical etching in HCl. In diluted HCl and at 500°C this reaction was found to occur very rapidly, with vigorous evolution of hydrogen. Pure nickel did not dissolve at all, while the chromium-nickel alloy dissolved only very slightly. The diffusion depth of nickel was found to be directly proportional to the length of the thermal treatment: 0.12 mm for the diffusion coefficient was found to be $2.3 \times 10^{-4} \text{ cm}^2/\text{24 hrs}$ for the nickel-chromium combination at 500°C, titrate (*Met. Abs. o. Test. Metal.*, 1928, 49, 336) found $1.5-3.5 \times 10^{-3} \text{ cm}^2/24 \text{ hrs}$ at 1230°C. In order to obtain corrosion-resistant steel or similar alloys by the electroplating method, it is necessary to work at temperatures above 500°C.

•Resistance of Aluminum-Silicon and Aluminum-Copper Alloys to Water
A. M. Korolev and E. M. Timokhina (Izdat. Nauk SSSR, 1949,
(Tekhn.), (50), pp. 70). [In Russian.] Castings of aluminum 87%
silicon 13% are less porous than those containing aluminum 91% copper
9% silicon and have better mechanical properties.



Ca

Carbonates in copper cyanide bath. P. N. Todor and E. N. Timokhina. *J. Applied Chem. (U.S.S.R.)* 11, 35-41 (in German 42)(1968).—Six solns. were prep'd. contg. CuCN (as Na₂Cu(CN)₃) 39.57, NaCN (free) 8.7 and Na₂CO₃ 14.3-147.7 g./l. All expts. were carried out at 35°. The elec. cond. of the soln. increased with increase of the carbonate concn. and then after passing through a max. gradually diminished. The soln. contg. 30.109 g./l. of Na₂CO₃ had the highest elec. cond. (0.15 mhos). The cathode current efficiency in all solns. decreased with the increase of the c. d. However, in the solns. contg. carbonate 50-100 g./l., the decrease of the yield was relatively slight, and at a c. d. of 1 amp./sq. in the yield was around 90%. For practical purposes the cathode polarization is independent of the carbonate concn. The passivity of the anode was not removed with the increase of Na₂CO₃ concn. but the nature of film covering the anode and rendering it passive changed; thus at the concn. of carbonate equal to 70 g./l. the film was transparent. The bath, recommended by Pan (*et al.*, 30, 9379), but contg. 10 g./l. more of free NaCN, yielded a good metal deposit with a current efficiency of 90% at a c. d. 1.0-1.5 amp./sq. in. The velocity of carbonatation of the bath with CO₂ of the air decreased with the increase of Na₂CO₃ concn. Three references. A. A. Podgornyy

CA

9

Resistance of Al-Si and Al-Cu alloys to H_2O . A. M.
Korukov and E. N. Timukhina. Bull. acad. sci. U.R.S.S.
S.S. Classe sci. tech. 1943, No. 8/9, 99-70.—Castings
of Al 87-94, Si 13-8 alloys are less porous than those of
Al 91-93, Cu 9-7, and have better mech. qualities. " C.P.A.

ASH-SEA METALLURGICAL LITERATURE CLASSIFICATION

POZNER, Ye.I., professor, doktor khimicheskikh nauk [deceased]; TIMOKHINA,
assistant.

Preparation of iodine pentoxide of high purity. Biul.SAGU no.26:
57-58 '49. (MLRA 9:5)
(Iodine oxides)

TIMOKHINA, I. I.

SAY

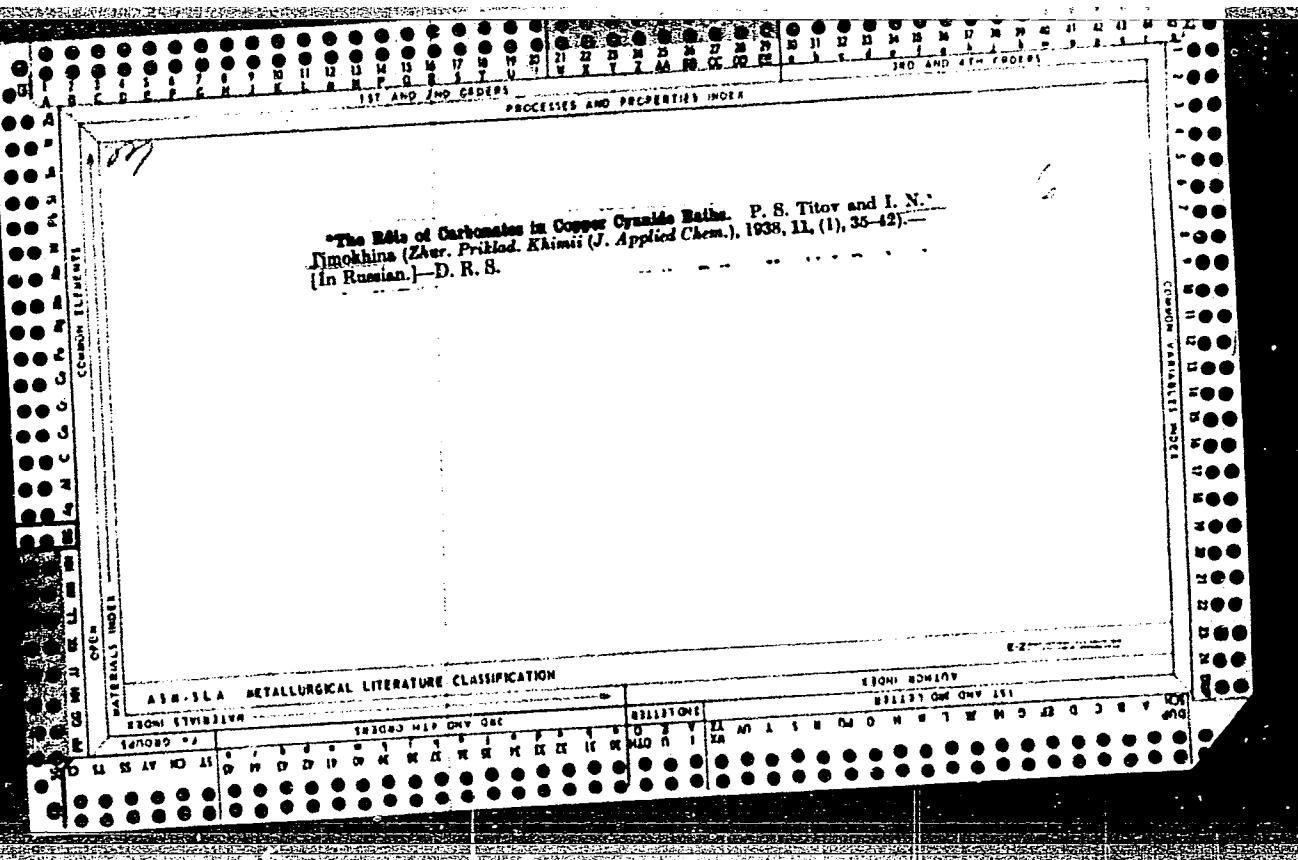
537,583

2588

Surface ionization of thin layers of calcium and magnesium oxides. DOBRETSOV, L. N., STARODUBTSEV, S. V., AND TIMOKHINA, I. I. *C.R. Acad. Sci. URSS*, 55 (No. 4) 303-6 (1947).—It is known that layers of some elements, such as Ca and Mg, on a W filament do not give positive ion currents in agreement with the Langmuir-Saha formula. By depositing a layer of either MgO or CaO on the W before depositing the element itself, it was shown that the positive ion emission decreased with increasing thickness of the oxide, and that it was immaterial whether the Mg and Ca were deposited on their own oxide or on the oxide of the other. Cd, Bi and Pb deposited over either MgO or CaO gave very little emission even at high temps., whereas, according to the Langmuir-Saha relation, Pb should give a greater emission than Mg.

W. E. D.

A53
N



MINOCHINA, J. I.,
L. K. DORRETHOV, CR, 55, (No. 4) 303-6 (1947)

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MIKOKIIRA, J. I.
L. N. DZANIEVA, LAH, v. 55, no. 4, 1947, p. 706-708

APPROVED FOR RELEASE: 07/16/2001

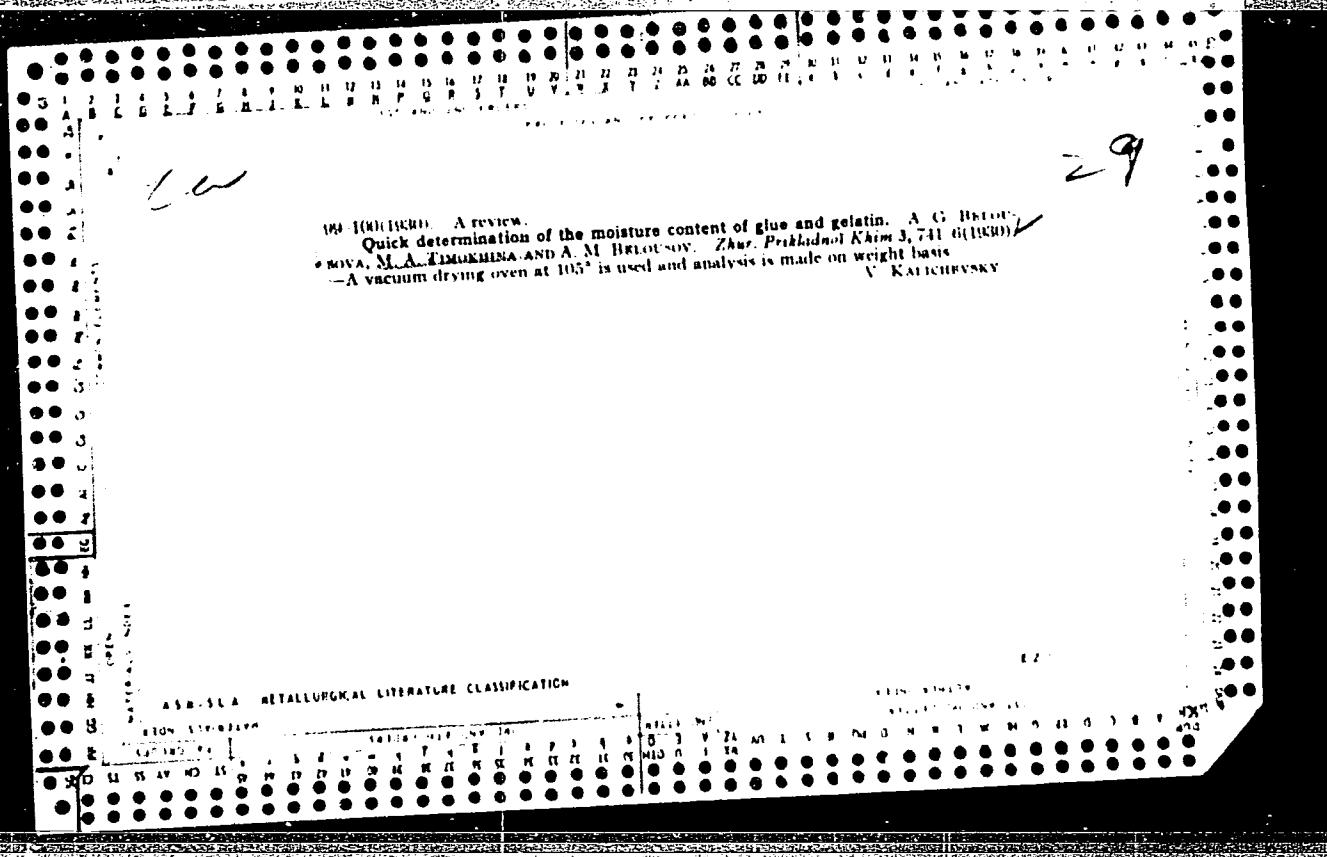
CIA-RDP86-00513R001755730005-8"

TIMOKHINA, M.A., dots.

Pathohistological changes in the vaginal walls in pregnancy, labor
and gynecological diseases combined with genital trichomoniasis
[with summary in English]. Akush. i gin. 33 no.4:60-64 Jl-Ag '57.
(MIRA 10:11)

1. Iz akushersko-ginekologicheskoy kliniki (zav. kafedroy - prof.
I.B. Levit) i iz kafedry patologicheskoy anatomi (zav. - prof.
P.P. Yerofeyev) Ivanovskogo meditsinskogo instituta.

(VAGINA, pathol.
histopathol. & secretions in trichomonas vaginitis)
(VAGINITIS, TRICHOMONAS, pathol.
vaginal wall histopathol. & secretions)



TIMOKHINA, M. A.
A. G. BELOUSOVA, Izvestiya Tzentral. Nauch-Issledovatel. Inst.
Kozhevennoi Prom. 1932, No. 10-11, 60-2.

TIMOKHINA, M.A., dotsent.

Treatment of trichomonal colpitis among workers at an Ivanovo
textile mill. Akush. i gin. no5:58-62 S-0 '55. (MLRA 9:1)

1. Ix kafedry akusherstva i ginekologii (zav.-prof. I.B. Levit)
Ivanovskogo meditsinskogo instituta.

(VAGINA, dis.

trichomoniasis, ther)

(TRICHOMONIASIS

vagina, ther.)

TIMOKHINA, M. A.

Timokhina, M. A. "Treatment of inflammatory diseases of the female reproductive organs by transfusion of blood plasma and serum which has been preserved in a frozen state", Paralevendye krov, Collection 3 (Ivanovo), 1948, p. 107-12.

SO: U - 3042, 11 March 53, (Letopis "Zhurnal "nykh Statey, No. 7, 1949)

28

Quick determination of the moisture content of glue and gelatin. A. G. BLOU-
NOVA, M. A. TIMOKHINA AND A. M. BULOTSOV. Zhur. Prikladnoi Khim. 3, 741 d(1930).
A vacuum drying oven at 105° is used and analysis is made on weight basis
V. KALICHKOVSKY

ABSLA METALLURGICAL LITERATURE CLASSIFICATION

661

Peptization of the hydrate of ferric oxide by salts of copper and other metals
A. M. Belousov, A. G. Belousova and M. A. Timokhina. *J. Phys. Chem. (U.S.S.R.)*
1, 511-514 (1930); *Chem. Zeits.* 1932, 1, 303. - The peptization of $\text{Fe}(\text{OH})_3$ by Cu and
Al salts was investigated to determine why the usual p.p.m. of Fe as $\text{Fe}(\text{OH})_3$ is frequently
difficult. Since the amt. of $\text{Fe}(\text{OH})_3$ going through the filter is of primary interest,
only the peptized portion, the particles of which are smaller than 3 μ , was determined. Thus
systems were investigated: H_2O - CuSO_4 - $\text{Fe}(\text{OH})_3$ - $\text{Fe}(\text{OH})_3$ (at 25°, 38° and 50°),
 H_2O - CuCl_2 - $\text{Cu}(\text{OH})_2$ - $\text{Fe}(\text{OH})_3$ (at 25° and 38°), and H_2O - $\text{Cu}(\text{NO}_3)_2$ - $\text{Cu}(\text{OH})_2$ -
 $\text{Fe}(\text{OH})_3$ (at 25° and 38°). The isotherms show that the slope for the same salt under
different conditions depends upon the degree of dispersion of the $\text{Fe}(\text{OH})_3$. With
increasing dispersity the steepness (read against Cu salt concn.) increases. Isotherms
obtained at the same temp. with different filters show analogous courses; however,
they are not strictly parallel, but sep. with increasing Cu salt concn. This is important

as confirmation of the colloidal nature of the process. Any decrease in the distance
of particle size of the $\text{Fe}(\text{OH})_3$. Investigation of the peptization of $\text{Fe}(\text{OH})_3$ by basic
tartrate showed the same relation to concn. An empirical relation between the
quantity Ω peptized, the solv. d. of the $\text{Fe}(\text{OH})_3$ in water, and the concn. of the Cu
salt C is: $\Omega = A \cdot k \cdot C^n$, where k is a proportionality factor and n is an exponent < 1
and dependent upon the temp. and salt concn. M. G. Moore

LUTSENKO, T.A.; MARKITANTOVA, A.Ye.; TIMOKHINA, M.Ya. [deceased]

Effect of novoembichine on the complement and the production of agglutinins and precipitins in animals [wit' summary in English]. Biul.eksp.biol. i med. 44 no.9:89-93 S '57. (MIRA 10:12)

1. Iz laboratorii eksperimental'noy khimioterapii (zav. - chlen-korrespondent AMN SSSR L.F.Larionov) i serplogicheskoy laboratorii (zav. - doktor biologicheskikh nauk T.A.Lutsenko) Instituta eksperimental'noy patologii i terapii raka (dir. - chlen-korrespondent AMN SSSR prof. N.N.Blokhin) AMN SSSR, Moakva. Predstavlena deyatvitel'-nym chlenom AMN SSSR L.A.Zil'berom.

(NITROGEN MUSTARDS, effects,
bis-(2-chlorethyl)-2-chlorpropylamine, on antibody &
complement form. (Rus))

(COMPLEMENT,
eff. of bis-(2-chloroethyl)2-chlorpropylamine (Rus))

(ANTIBODIES,
agglutinin & precipitin form., eff. of bis-(2-chloroethyl)-
2-chlorpropylamine (Rus))

TIMOKHINA, N.I.

Application of the least squares method to the derivation of equations
for crystallization volumes of five-component systems of water-soluble
salts. Trudy SAGU no.40;33-37 '53. (MLRA 9:12)
(Least squares) (Salts, Soluble) (Crystallization)

TIMOKHINA, N.I.

Empirical equations for crystallization fields of binary salts. Trudy
SAGU no.40:39-42 '53. (MLRA 9:12)
(Crystallization) (Aphthitalite)

PI. CHIMIA, N. I.

32537. ZVERKIN, A. Ya. i PI. CHIMIA, N. I. Spokanie solej i chislov. Zhurnal prikl
khimii, 1949, No 10, s. 103-67

SC: Letopis' Zhurnal'nykh Statey, Vol. 44, Moskva, 1949